

1 MOLTEN METAL PUMP IMPELLER

2 ABSTRACT OF THE DISCLOSURE

3 An impeller for a molten metal pump includes a base and
4 a plurality of vanes having openings for flow of molten
5 metal there through during pumping. Alternatively, or in
6 combination with the vane openings, a single drain opening
7 extending through the base of the impeller may be provided
8 remote of the rotational axis of the impeller. In another
9 embodiment, an impeller provides axial and radial pumping.
10 The multiflow impeller includes at least one pumping chamber
11 inclined into the direction of rotation to provide axial
12 pumping.